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Los Alamos
NATIONAL LABORATORY

Working at Los Alamos National Laboratory Idaho State University

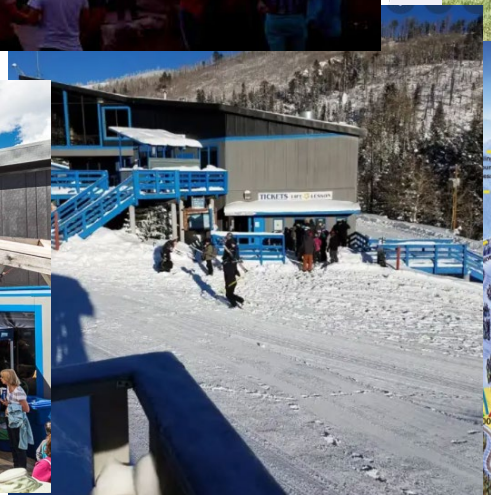
James Bunsen – Actinide Material Processing & Power 4

October 2021

Los Alamos National Lab - Location

- Distance to Nearby Cities:
  - Santa Fe = 45 min
  - Albuquerque = 1.5 hours
  - Taos = 1.5 hours
  - Pagosa Springs CO = 2.5 hours
  - Denver CO = 6 hours
  - Amarillo TX = 5 hours
  - Dallas TX = 10 hours
  - Flagstaff AZ = 6 hours
- LOTS of National Parks

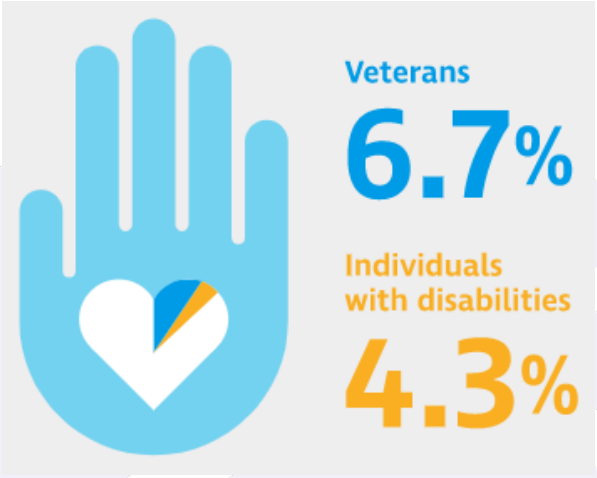
Los Alamos Area



Things to Do

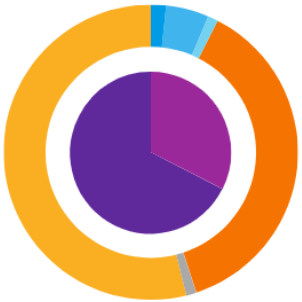
- Hiking
- Rock Climbing
- Festivals:
  - Summer Fest
  - Ullr Fest
  - Winterfest
- Concerts in the park
- Skiing/Snowshoeing
- Fuller Lodge Events
- Olympic sized pool

Diversity & Inclusion



Female
32.4%

Male
67.6 %



1.8%	American Indian, Alaskan Native, Native Hawaiian, or Other Pacific Islander
5.3%	Asian
1.4%	Black or African American
37.8%	Hispanic or Latino
1.4%	Two or more races
52.1%	White

Types of jobs	% Women	% URM	% OPC
Senior Leadership Director/President, Deputy Director/Vice President, Associate Lab Director	28.57%	10.20%	0.00%
Research/Technical Management **(First-line and Mid-level)** Engineering Management, Research Management, Technical Management	23.71%	12.37%	5.84%
Operations (or Research Support) Management Business Management, Computer Systems, Communications, ESHQ, Facilities Ops, HR, Legal, Tech Transfer, Strategic Planning	29.68%	39.70%	1.11%
Technical Research Staff Non-management: Researchers, Scientists, or Engineers	23.33%	15.62%	7.90%
Operations Support Staff Non-management: Support Roles	42.29%	52.76%	1.95%
Post Doctoral (Post-doc employees)	24.85%	6.78%	36.76%
Graduate Students (Funded by Lab)	37.34%	24.40%	14.79%
Undergraduate Students (Funded by Lab, do not include undergrad student funded by DOE directly (i.e. SULI))	44.92%	43.58%	6.68%

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Note: Workforce demographics as of July 1, 2019
URM = Under Represented Minorities (e.g.: African American/Black, Hispanic/Latino, and American Indian/Alaskan Native)
OPC = Other People of Color (e.g.: Asian/Asian American)

Work at Los Alamos National Lab

- Science, Technology, and Engineering
  - Global Security
  - Physical Sciences
  - Chemical, Earth, & Life Sciences
- Weapons
  - Weapon Physics
  - Weapon Production
  - Weapon Engineering
- Operations
  - Environment, Safety, Health, Quality, Safeguards, and Security
  - Capital Projects
  - Business Management
  - Facilities & Operations

Types of Work Being Done

- Safety Analysis
- Hands on Work
- Computer Simulation
- Code Development
- Outreach/Recruiting
- Environmental Impact
- Archeology
- Space
- Nuclear Data

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Personal Thoughts

- Pros:
  - Well paying jobs
  - Great benefits
  - Small town, get to know your neighbors
  - The Rockies are amazing
  - So many outdoor activities
  - Cultural festivals
  - Social Organizations:
    - Sport Clubs and Rec Teams
    - Outdoor Groups to organize hiking/rock climbing
    - D&D/Board game clubs
    - Student Social Life supported by LANL
- Cons:
  - Have to make your own entertainment
  - Small town, get to know your neighbors
  - Really Isolated, far from most things going on
  - Housing it tough

Job Potential and Pay Bands

Position	Min $	Mid $	Max $
Research Tec 2	$48,600	$61,600	$74,700
Research Tec 3	$58,000	$74,400	$90,800
Research Tec 4	$64,400	$83,300	$102,300
Research Technologist 1	$77,300	$101,600	$126,000
R&D Engineer/Scientist 1	$85,400	$112,500	$139,600
R&D Engineer/Scientist 2	$94,100	$124,900	$155,700

Jobs and Searching for Jobs

- Lanl.jobs – Usually just search keywords, not “science/eng area or Major”
- Jobs at 55: Search the following Divisions
  - NPI – Nuclear Process Infrastructure (Waste, NDA, Shipping)
  - AMPP – Actinide Material Processing & Power (ARIES, 238 Fuel, Material Recovery/Recycle)
  - PT – Pit Production (Machining, Assembly, Foundry, Metal Production)
  - ORI – Operational Readiness Implementation (CSO, Training, Supply Chain Management)
  - C-AAC – (Analytical Chemistry, Radiochemistry, Mass Spec, Trace Analysis)
  - PAQ – Production Agency Quality (Quality Assurance, Quality Engineering/Inspection)
- More General:
  - Require Associates (Or Equivalent):
    - Technician/Tech
    - Technologist
  - Require Bachelor (Or Equivalent):
    - R&D Engineer – most engineering degrees at the lab
    - Scientist
  - Student:
    - Use Job Category for Student - no keywords